

**PATIENT PRESENTING CLINICAL SIGNS**

**Hawkeye Rosa** P presented today for dental cleaning. No history of heart murmur or arrhythmias. Performed pre-op ECG as precaution due to exotic breed. 1st attempt at ECG reading there was a lead error but results came back as "Left anterior fascicular block is noted". (see attached files for more details). Performed a 2nd ECG since 1st attempt the leads may not have been placed properly and results were better, noted right axis deviation. (see attached files). Performed 3 view thoracic radiographs to rule out any abnormalities.

**SPECIES**

Feline

**RADIOGRAPHIC STUDY OF THE THORAX AND COLLIMATED ABDOMEN**

**BREED**

Americal Curl

Radiographs of the thorax, in three imaging planes are provided for review. One left lateral view, one right lateral view and one ventral dorsal view.

**RADIOGRAPHIC FINDINGS**

**SEX**

MN

The diaphragmatic cupula is cranially displaced and partially obliterated by a rounded fat and soft tissue opacified mass effect. In addition, the mass effect is confluent with the ventral border of the cardiac silhouette, also causing a silhouetting sign. The mass effect measures approximately 3.4cm x 4.5cm.

**AGE**

4 Years

The visible portion of the cardiac silhouette apex is dislocated to the left side hemithorax.

The liver is subjectively small in size, and the stomach is cranially displaced.

The trachea is normal, and uniform in diameter.

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The pulmonary parenchyma and visible pulmonary vasculature are normal.

The remainder of the collimated abdomen is normal.

The collimated musculoskeletal structures are unremarkable.

**HOSPITAL NAME**

POCONO PEAK VETERINARY CENTER

**RADIOGRAPHIC DIAGNOSIS**

- Congenital peritoneopericardial diaphragmatic hernia. Differential diagnosis includes concurrent peritoneal pleural diaphragmatic hernia.
- Otherwise, normal thorax.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**REFERRING VET**

Dr. Nicole Norris-Carney

The radiographic findings show a congenital peritoneopericardial diaphragmatic hernia, with or without concurrent peritoneal pleural diaphragmatic hernia. The suspected herniated content is a falciform ligament and a portion of the liver parenchyma. The herniated content and mass effect cause a shifted midline displacement of the cardiac silhouette, which could explain the ECG-reported findings. This congenital condition is likely incidental in a patient of this age.

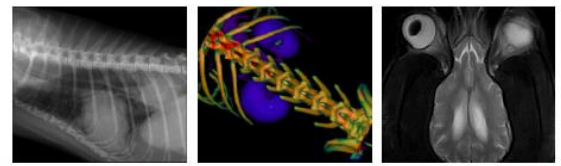
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Noncardiac ultrasound or computed tomography of the thorax is suggested for confirmation for better analysis of the herniated content.

**DATE**

3-14-23



**PATIENT**

Hawkeye Rosa

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**HOSPITAL NAME**

POCONO PEAK  
VETERINARY  
CENTER

**REFERRING VET**

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Carney

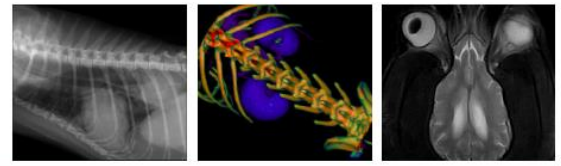
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**PATIENT**

Hawkeye Rosa

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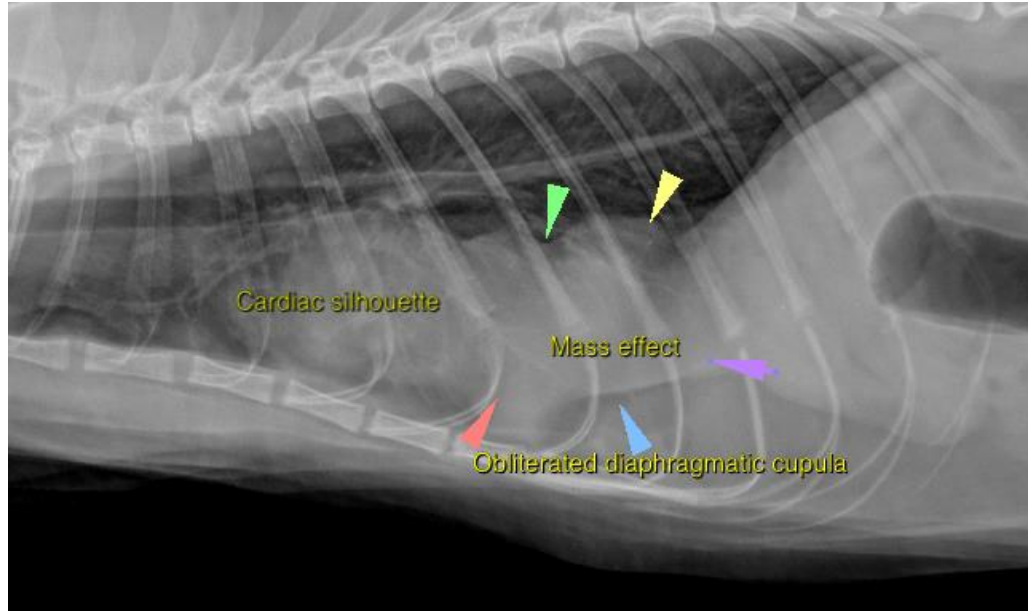
Americal Curl

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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**HOSPITAL NAME**

POCONO PEAK  
VETERINARY  
CENTER

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